

# PATENT ABSTRACTS OF JAPAN

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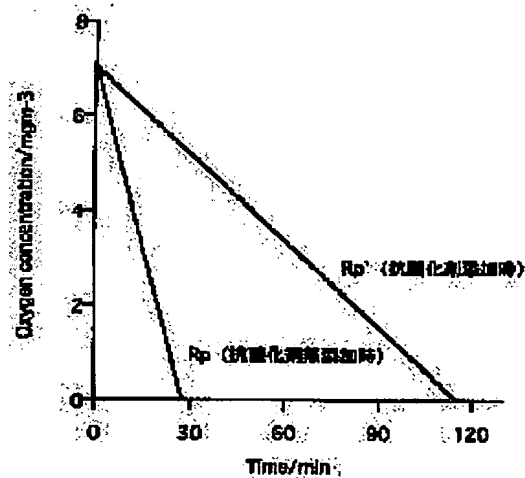
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## (54) ANTIOXIDANT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain an antioxidant having higher antioxidative activity, affecting no bad influence such as the change in appearance, taste or the like, and usable for many purposes by adding a tea extract, minerals and a surfactant.

**SOLUTION:** This antioxidant contains (A) a tea extract, preferably (+)- catechin, (-)-epicatechin, (+)-gallic catechin, (-)-epigallocatechin, (-)-catechin gallate, (-)-epicatechin gallate, (-)-gallic catechin gallate and (-)-epigallocatechin gallate, (B) minerals (e.g. magnesium, potassium, sodium, calcium and the like), and (C) a surfactant (e.g. a polyglycerin fatty acid ester, lecithin, polyglycerin condensed ricinoleic acid ester, sorbitan fatty acid ester, sucrose fatty acid ester or the like). In the antioxidant, the component B is preferably added 1/100 to 1000 times the component A (by weight).



## LEGAL STATUS

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